

FORM PTO-1390 (Modified) (REV. 07-2004) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER <b>16143.4</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/509163</b>
INTERNATIONAL APPLICATION NO. <b>PCT/KR2004/002441</b>	INTERNATIONAL FILING DATE <b>September 24, 2004</b>	PRIORITY DATE CLAIMED <b>September 30, 2003</b>
TITLE OF INVENTION <b>BROADBAND SLOT ARRAY ANTENNA</b>		
APPLICANT(S) FOR DO/EO/US <b>Sukhovetski Boris Isoifovich</b> <b>Jung Hur</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <u>EV 367550095 US</u></li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		
Return Receipt Postcard		

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24. The following fees are submitted:		CALCULATIONS PTO USE ONLY		
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :</b>				
<input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00				
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>\$1,080.00</b>		
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30 <b>\$0.00</b>		
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>
Total claims		13 - 20 =	0	x \$18.00
Independent claims		1 - 3 =	0	x \$86.00
Multiple Dependent Claims (check if applicable).		<input type="checkbox"/>		<b>\$0.00</b>
<b>TOTAL OF ABOVE CALCULATIONS</b>		<b>=</b>		<b>\$1,080.00</b>
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$540.00</b>
<b>SUBTOTAL</b>		<b>=</b>		<b>\$540.00</b>
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30	+	<b>\$0.00</b>
<b>TOTAL NATIONAL FEE</b>		<b>=</b>		<b>\$540.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<input type="checkbox"/>	<b>\$0.00</b>	
<b>TOTAL FEES ENCLOSED</b>		<b>=</b>		<b>\$540.00</b>
		<b>Amount to be: refunded</b>		<b>\$</b>
		<b>charged</b>		<b>\$</b>
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-3178</u> d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:				
R. Burns Israelsen WORKMAN NYDEGGER Customer No. 022913				
 SIGNATURE				
R. Burns Israelsen NAME				
42,685 REGISTRATION NUMBER				
September 27, 2004 DATE				

Express Mailing Label No. EV 367550095 US

10/509163  
DT09 Rec'd PCT/PTO 27 SEP 2004  
PATENT APPLICATION  
Docket: 16143.4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label No.: EV 367550095 US

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 27 day of September, 2004:

- Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2 pgs., in duplicate)
  - Specification (21 pgs.)
  - Drawings (10 pgs.)
  - Copy of International Application with drawings as filed September 24, 2004 (29 pgs.)
  - PTO-2038 Credit Card Payment Form in the amount of \$540.00 (1 pg.)
  - Postcard

Respectfully submitted,

Beth L. Haslam

Assistant to R. Burns Israelsen  
WORKMAN NYDEGGER  
Customer No. 022913

RBI:blh  
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